

cimtas | PIPE
FITTING
SPOOL



BW FITTINGS
FLANGES
BRANCH CONNECTIONS

CIMTAS PIPE FABRICATION AND TRADING LTD. CO.

INTEGRATED PIPING SOLUTIONS

Over
200
Major Projects

Over
200,000
Tons Fabricated

In Over
40
Countries

To Over
50
Customers

CIMTAS PIPE, founded in 2002, is a market leading company providing engineering, procurement, manufacturing, welded fabrication, machining and painting services of LSAW pipes, fittings and pipe spools for the power, process, OEM piping systems and pressurized equipment to Power, Oil, Gas, Chemicals, Water, Mining & Metals industries with a global vision to be the “best in class”.

- Focus on safety
- Preferred partner
- Excellence in services
- World class quality
- On time delivery
- Shortest cycle times
- Lean production approach
- State of the art facilities

MILESTONES

Çimtaş Steel
Istanbul, Turkey
Start of operations as
a subsidiary of **ENKA**
1973

**Cimtas Pipe Fabrication
and Trading Ltd. Co**
Gemlik, Bursa, Turkey
Launch of spool fabrication
2002

**Motiva Crude Expansion
Project**
Bechtel OG&C/ Houston, U.S.A.
2010

Cimtas Pipe Fitting Works
Gemlik, Bursa, Turkey
Launch of fitting manufacturing,
first step of Integrated
Piping Solutions (IPS)
2015

Sabine Pass LNG Project
Bechtel OG&C/ Houston, U.S.A.
Largest LNG Project
in the World
2014 - 2017

**Cimtas Pipe LSAW
Pipe Works**
Gemlik, Bursa, Turkey
Launch of LSAW Pipe
manufacturing, completion
of IPS
2017

**Corpus Christi LNG Project
Train 3**
Bechtel OG&C/ Houston, U.S.A.
Pipe, Fitting, Spool Supply as
part of IPS
2018

FITTING WORKS

SPOOL WORKS

PIPE WORKS

www.cimtaspipe.com

CIMTAS PIPE FITTING WORKS ABOUT US



CIMTAS PIPE Fitting Works started its operations in December 2015 at Bursa Free Zone, Gemlik, Turkey, as a part of Cimtas Pipe's Integrated Piping Solutions. The facility is capable of manufacturing butt weld fittings, flanges, branch connections and induction bends (from 2.5" to 36").

Fitting Works verifies product compliance with international standards through its in-house certified mechanical and metallographic test laboratory.

- **Manufacturing Methods:**
Cold Forming, Hot Forming, Hot Forming by Mandrel, Cold Rolling and Machining
- **Cimtas Designed Products:**
CIM-INSERT® & CIM-LET®
- **Special Products:**
SWEEPLUS™ (Patent Pending 62/443,081)
 - Designed for Acoustic Induced Vibration (AIV)
- Commitment to Safety, Quality and Ethics
- Lean Production Approach

4 INTERNATIONAL DEEP SEA PORTS WITHIN 2 KM



17,000 sqm
Fenced Area



13,500 sqm
Covered Area



12,000 tons
Annual Manufacturing Capacity

HEALTH, SAFETY, ENVIRONMENT and QUALITY CERTIFICATION



ISO 9001:2015



ISO 14001:2015



OHSAS 18001:2007



10219-1:2006



ASME NPT



ASME NA



ASME NS



ISO/IEC 17025:2012



EAC-TR CU (GOST R)

MANUFACTURING CAPABILITIES

METALLURGY & STANDARDS

PRODUCTS	INTERNATIONAL STANDARDS	GRADES
CARBON STEEL	ASTM / ASME A / SA 234	WPB, WPC
	ASTM / ASME A / SA 105	
	EN 10253-2	P235GH, P265GH, 16Mo3
	GOST, OST, TU (ГОСТ, ОСТ, ТУ)	20, 09Г2С, 15ГС, 17Г1С
LOW TEMPERATURE CARBON STEEL	ASTM / ASME A / SA 420	WPL6
	ASTM / ASME A / SA 350	LF1, LF2 CL1, LF2 CL2, LF3 CL1, LF3 CL2, LF5 CL1, LF5 CL2, LF6, CL1, LF6 CL2, LF6 CL3, LF9, LF787 CL2, LF787 CL3
HIGH STRENGTH FERRITIC STEEL	ASTM / ASME A / SA 860	WPHY42, WPHY46, WPHY52, WPHY60, WPHY65, WPHY70
	MSS SP-75	WPHY42, WPHY46, WPHY52, WPHY56, WPHY60, WPHY65, WPHY70, WPHY80
ALLOY STEEL	ASTM / ASME A / SA 234	WP11 CL1, WP11 CL2, WP11 CL3, WP22 CL1, WP22 CL3, WP91, WP92
	ASTM / ASME A / SA 182	F11 CL1, F11 CL2, F11 CL3, F22 CL1, F22 CL3, F91, F92
	EN 10253-2	13CrMo4-5, 10CrMo9-10, X10CrMoVNb9-1
	GOST, OST, TU (ГОСТ, ОСТ, ТУ)	15X1M1Φ, 12X2M
STAINLESS STEEL	ASTM / ASME A / SA 403	WP304, WP304L, WP304H, WP316, WP316L, WP316H, WP321, WP321H
	ASTM / ASME A / SA 182	F304, F304L, F304H, F316, F316L, F316H, F316Ti, F321, F321H
	EN 10253-4	X2CrNi18-9, X2CrNi19-11, X5CrNi18-10, X6CrNiTi18-10, X2CrNiMo17-12-2, X5CrNiMo17-12-2, X6CrNiMoTi17-12-2
	GOST, OST, TU (ГОСТ, ОСТ, ТУ)	03X18H11, 08X18H10, 03X17H14M3, 08X18H10T
DUPLEX STAINLESS STEEL	ASTM / ASME A / SA 815	WPS31803, WPS32101, WPS32202, WPS32750, WPS32950, WPS32760, WPS39274, WPS32550, WPS32205
	ASTM / ASME A / SA 182	F50, F51, F52, F53, F54, F55, F57, F59, F60, F61, F65, F66, F67, F68, F69, F71



PRODUCTS

ELBOWS



Hot Forming By Mandrel



Hot Forming By 2 Halves



Vertical Die



Cold Forming By Mandrel

- **Hot Forming By Mandrel - 1**
Diameter : 1" - 6"
Wall Thickness : 3 - 15 mm
Metallurgy : CS, LTCS, X Grade Series, P11, P22, P91
- **Hot Forming By Mandrel - 2**
Diameter : 24" - 48"
Wall Thickness : 8 - 50 mm
Metallurgy : CS, LTCS, X Grade Series, P11, P22, P91
- **Hot Forming By 2 Halves**
Diameter : 24" - 60"
Wall Thickness : 8 - 150 mm
Metallurgy : CS, LTCS, SS, Duplex SS, X Grade Series, P11, P22, P91
- **Vertical Die**
Diameter : 4" - 36"
Wall Thickness : 8 - 150 mm
Metallurgy : CS, LTCS, SS, Duplex SS, X Grade Series, P11, P22, P91, P92
- **Cold Forming By Mandrel**
Diameter : ½" - 20"
Wall Thickness : 3 - 28 mm
Metallurgy : CS, LTCS, SS, Duplex SS

PRODUCTS

TEES

cimtas

1000 TON



- **Hot Forming**
 - Diameter** : 6" - 60"
 - Wall Thickness** : 13 - 150 mm
 - Metallurgy** : CS, LTCS, SS, Duplex SS, X Grade Series, P11, P22, P91, P92



- **Hydro Forming**
 - Diameter** : ½" - 4"
 - Wall Thickness** : 3 - 15 mm
 - Metallurgy** : CS, LTCS, SS, Duplex SS, P11, P22

LATERALS

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Diameter : All
Wall Thickness : All
Metallurgy : All



PRODUCTS

REDUCERS

Diameter : 16" - 60"
Wall Thickness : 8 - 50 mm
Metallurgy : CS, LTCS, SS,
Duplex SS,
X Grade Series,
P11, P22



FLANGES

Diameter : 1/2" - 48"
Wall Thickness : All
Metallurgy : CS, LTCS, SS,
Duplex SS,
Alloy



PRODUCTS

BRANCH CONNECTIONS



CIM INSERT 45°



CIM INSERT°



CIM LET° (CIM BW°)



SWEEPLUS™

DESIGNED by ÇIMTAŞ®

CIM INSERT 45°

Diameter : 2" - 48"
Wall Thickness : All
Metallurgy : CS, LTCS, SS,
Duplex SS,
Alloy

CIM INSERT°

Diameter : 1½" - 48"
Wall Thickness : All
Metallurgy : CS, LTCS, SS,
Duplex SS,
Alloy

CIM LET° (CIM BW°, CIM TH°, CIM SW°)

Diameter : ½" - 48"
Wall Thickness : All
Metallurgy : CS, LTCS, SS,
Duplex SS,
Alloy

SPECIAL PRODUCTS

SWEEPLUS™ (Patent Pending 62/443,081)

Diameter : ½" - 48"
Wall Thickness : All
Metallurgy : CS, LTCS, SS,
Duplex SS,
Alloy

PRODUCTS

INDUCTION BENDS



- Diameter Range** : 2.5" (64 mm) - 36" (914 mm)
- Thickness Range** : 5 mm - 108 mm (including P92)
- Bending Angle** : Up to 180°
- Bending Radius** : 200 - 8,500 mm (min. 1.5 D)
- Bending Moment** : 165 tm
- Bending Force** : 100 t
- Feed Length** : 13 m
- Control System** : CNC

CENTER OF EXCELLENCE QUALITY and LABORATORY



Quality

- On-line Documentation & Traceability
- Full Scope in-house NDE Services & Capability

Mechanical & Metallographic Laboratory

- TS EN ISO/IEC 17025 Certified
- Tensile Test
- Bending Test
- Charpy Impact Test
- Hardness HRB-HRC-HBW-HV
- Micro Hardness HV
- Micro and Macro Structure
- Spectral Analysis

CIMTAS GROUP COMPANIES



ÇİMTAŞ STEEL

Gemlik - Turkey

160,000 sqm Fenced Area
62,000 sqm Covered Area
70,000 t Annual Fabrication



CIMTAS NINGBO

Ningbo - China

55,250 sqm Fenced Area
27,000 sqm Covered Area
20,000 t Annual Fabrication



ÇİMTAŞ MODULE & SHIPYARD

Gölcük - Turkey

270,000 sqm Fenced Area
55,000 sqm Covered Area
35,000 t Annual Fabrication



ÇİMTAŞ PRECISION MACHINING

Gemlik - Turkey

12,000 sqm Fenced Area
11,400 sqm Covered Area
430,000 Output hours Annual Fabrication



OUR MISSION

To deliver **high quality** engineering, procurement, welded fabrication, assembly and installation services, **safely, on time** and at the **least total cost** of each customer.

OUR VISION

To be the **best-in-class** and **preferred** partner for the engineered and **integrated** solutions of the demanding construction projects.

OUR VALUES

- Safety, competency, development & leadership of our **employees**
- Satisfaction of our **customers** through operational excellence & flexibility
- Effective use of advanced **technology & information**
- Identification and roll-out of **best practices & lessons learned**
- Being **innovative** in everything we do & willingness to **change**
- Being ethically, environmentally & socially **responsible**



Prime Location for Global Supply

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